

Record Acreage Of Legumes And Small Grains

(Continued from page 1)
anthra as a winter legume. Farmers who have not grown Monantha should start it on a seed patch basis. Seed 20 pounds of seed or more per acre. Average seed yields of Monantha exceeded the yields of any other vetch at four locations in the State.

Willamette Vetch: This vetch is a selection of common or Oregon vetch. For several years it has proven satisfactory in most cases in the northern half of the State on the better soils. Plant Alabama produced seed if possible. New growers should first use this crop on a seed patch basis. Seed 30 pounds or more per acre. Satisfactory yields of seed are being produced on many North Alabama farms; however, yields are usually not as high as Monantha but are usually higher than hairy vetch.

Smooth Vetch: Similar to hairy in most respects, the seed of the two are indistinguishable. Farmers need not hesitate to plant it. Seed 20 or more pounds of seed per acre. Seed production is as high and possibly higher than hairy vetch.

Other Vetches: Usually other vetches are not recommended for soil improvement due to lack of growth, excessive shattering, not being winter hardy, etc. However, some strains are more productive than native vetch in growth and seed yields. These strains usually shatter badly but volunteer well, making them desirable in orchards or where a volunteering winter legume is needed.

Austrian Winter Peas: Widely planted over entire State, the Austrian winter pea is now the most commonly used winter legume, except in extreme North Alabama. It is used only as a soil improving crop and usually can be turned earlier than hairy vetch. Sow 30 pounds or more per acre. It does not produce consistent nor satisfactory seed yields under Alabama conditions.

Crimson Clover: This is one of the best winter legumes on farms where it is being grown successfully. Crimson clover requires better land for successful growth than do most other winter legumes. Farmers trying this legume for the first time should start on a seed patch basis until they become able to grow it successfully and then expand their acreage. It is excellent, especially in combination with small grain, for winter and early spring grazing. May be grazed until early April and then produce a satisfactory seed crop.

Seed 15 or more pounds of clean seed or 60 or more pounds of chaffy seed per acre. Produces satisfactory yields of seed. Well over a million pounds of seed were harvested in Alabama in 1942.

Caley Peas or Rough Winter Peas (*Lathyrus hirsutus*): Is becoming one of the most popular

winter legumes in the Black Belt section of Alabama. Is used for early grazing, hay, and in a cropping system for soil improvement. Every farmer in the Black Belt area should start this on a seed patch basis and expand the acreage as seed are produced and available. The Caley pea is good on Johnson grass fields for spring grazing or hay and improves Johnson grass following it.

Seed 30 pounds of seed or more per acre. Produces satisfactory seed yields where established; and will volunteer.

Lupine: Blue lupine is one of the most promising winter legumes for the lower coastal plains area. It is used only as a soil building crop and a seed patch should be planted on every farm in the lower coastal plains area. Acreage should be expanded as seed become available and experience obtained.

Seed 50 pounds or more seed per acre. Lupine produces a heavy yield of seed.

SMALL GRAINS

Oats: More oats are needed on Alabama farms this year than in previous years to supply feed and to efficiently use our land in the face of a labor shortage. In addition, the yield is not influenced by drought to the extent that corn is because of the fact that it is a winter and spring crop. Also, erosion of soil is reduced by having a sod crop on the land.

Plant September 15 to October 15. Late plantings are more likely to be winter killed, resulting in lower yields.

On land that has received 500 to 600 pounds of a mixed fertilizer per acre this year no additional fertilizer is needed. Apply 200 to 300 pounds superphosphate and 50 pounds potash per acre on land that has been lightly fertilized.

Use Texas Red Rust Proof or Hastings Hundred Bushel varieties.

How About You?

HAVE you planned to plant seed patches of winter legumes and small grains this fall?

This is an important question. And it's an important job for every Alabama farmer.

Every year thousands of Alabama farmers are forced to limit their acres planted to winter legumes and small grains because they are unable to buy seed, or else seed are not available. By producing their own seed farmers would not only save money but would be assured of having plenty of planting seed when needed.

If you want to be sure of having planting seed next year, make plans for a seed patch this fall.

It is very important to treat oat seed for smut. This can be done by spraying formaldehyde with an atomizer-type sprayer at the rate of one pint to 50 bushels of oats. Oats are sprayed as they are shoveled from one pile to another and when completed are left covered for five hours or over night and then spread out to air. Oats treated this way will not swell and will readily run through the grain drill.

Wheat: This crop should be grown on farms for production of flour, poultry feed, grazing and for erosion control. It is also a desirable plant for sowing with hairy vetch for a spring hay crop. Wheat is adapted to the Piedmont, Limestone Valleys and other heavier soils. It is not a satisfactory crop for poor, sandy land.

Interest in wheat production in Alabama has increased greatly within the last three or four years. A number of flour mills which have been idle have been put into operation and new mills have been erected in a number of counties. In Lee County alone around 500 farmers harvested wheat in the spring of 1942.

Broadcast or drill 4 to 6 pecks per acre. Sow September 1 to November 15. Alabama Blue-stem or Gasta are satisfactory varieties. Apply 400 pounds of superphosphate and 50 pounds of muriate of potash at planting and top dress with nitrogen the first of March.

Wheat is attacked by rust for which there is no remedy at present. Smut which attacks wheat can be controlled by seed treatment.

Barley: Winter barley is being tried out in 10 Alabama counties as a means of supplying more grain. In these 50 counties, trying barley 1,301 farms planted 9,926 acres in 1941. Practically no barley was planted in Alabama up until three or four years ago. It is anticipated that a big increase in the barley acreage will be made in the fall of 1942.

Some of the reasons for the increased popularity of barley are: It is about equal pound for pound to corn in feeding value. It makes its principal growth in the winter and spring so the yield is not so badly affected by drought as so frequently is the case with corn. It furnishes valuable grazing for livestock. A mixture of crimson clover and barley on good land is an especially productive grazing combination.

It occupies the land during the winter and spring, giving considerable protection to the land against erosion. The most successful producers of barley prepare their land several weeks before planting time, disk and harrow the land so as to have a good, firm seed bed. Drill or broadcast six pecks per acre and cover about two inches. Plant September 1 to October 15. Apply two to four hundred pounds

How To Save Tomato Seed

FEW farm families have ever made an attempt to save their own tomato seed—but it's a mighty fine thing to do.

When saving seed care should be taken to select tomato plants that have produced a quantity of fruit of good quality. If necessary, save all of the fruit from one or more plants having the desired qualities.

When the fruits are well ripened, remove from the plant and cut into four pieces. Place the cut tomatoes in a water tight container, such as a fruit jar or tin bucket, leave the container open and undisturbed for two or three days. It will be found upon examination that the tomatoes have fermented and all of the pulp has floated to the top and the seed have settled to the bottom. Pour off the pulp and wash the seed with water. Spread the seed on a newspaper, as you would melon seed, and allow to dry. Then place in small paper bag on which has been written the description of the seed and the date saved. Store in dry place away from rats.

By saving their own tomato seed, farm families may find that they can develop a variety of tomatoes that will be more satisfying to their taste than those that they ordinarily buy.

Why Not Try?

HAVE you entered the Alabama Food for Victory Program Contest in which a thousand dollars in defense bonds and stamps is being offered as prizes? If you haven't, you should see your county agent or county AAA administrative officer without delay.

Every farm family living on a farm which has a 1942 defense plan sheet is eligible to compete. Each award will be made on the basis of a written report including a detailed achievement record covering the farm's contribution to the agricultural war program and the degree of attaining the 1942 goal as set up by the county AAA office.

of superphosphate or three to six hundred pounds of basic slag and 50 pounds of muriate of potash at planting and top dress March 1 with nitrogen. Popular varieties are Marnobarb and Tennessee Five.

Those who have had experience in growing crimson clover will find it very desirable from the standpoint of grazing to add barley. Barley fits well into the rotation in that lespedeza can be sown on it the last of February or first of March so that when the crop is harvested the land will not need to be plowed but the lespedeza will be on the land for soil building and seed production purposes.



VOLUME 48

Seven New Names On Faculty List Elba Schools

A number of new names appear in the faculty list of the Elba public schools, which is given below. The schools will open for the 1942-43 term on next Monday.

The first day will be consumed in registration of those pupils not already registered, and class-room work will start Tuesday morning at 8:00 o'clock. The first general assembly will be held at 9:30 on Tuesday morning, according to announcement of Supt. J. C. Dixon. Here is the faculty:

ELEMENTARY—Bryan, Mae; Deal, Dixie; Dunaway, Kurlipia; Harper, Rhonda; Lee, Jessie; Maddox, Susie; Morris, Lillian; Nelson, Mrs. Dan; Rainer, Violet; Rowe, Zedie; Wise, Agnes T.; Young, Beulah.

HIGH SCHOOL—Carnley, Fleetwood; Chittis, Roberta; Dinwiddie, Lucille; Ham, Kate; Kendrick, Ola B.; Lovell, Louise; Moore, F. D.; Ray, Blanche; Prescott, Althea.

VOCATIONAL—Gelger, E. P.; Paul, Jean R.

MUSIC—Bradley, Josephine.

EXPRESSION—Perdue, Frances.

SUPT.-PRINCIPAL—Dixon, James C.

New Faculty Members
Lovell, Mrs. Louise, Centerville, Tenn. For the past three years Mrs. Lovell has been a student at Peabody College. She holds a B. S. and M. A. degree from same. Science.
Dinwiddie, Lucille, Paris, Tenn. For the past three years she has been connected with the schools at Port Royal, S. C. She holds an A. B. degree from Bethel College, McKenzie, Tenn., and an M. A. degree from Peabody College, Social Science and Mathematics.
Ray, Blanche, Tusculum, Ala. A. B. degree from University of Alabama and a graduate of Tusculum Business College, Commercial Work.
Moore, F. D., Mobile, Ala. A graduate of Birmingham Institute, ern, holds a B. degree. Past year was assistant coach at Murphy High School. Athletics and English.

Carnley, Fleetwood, Elba, A. B. and LL.B. University of Alabama. Social Science and English.
Kendrick, Ola B., Coffee County Schools. Junior High Work.
Nelson, Mrs. Dan, Coffee County Schools. A. B. from University of Alabama. Elementary School.
Montevallo, and has been a teacher of vocational home economics.

She studied productive subjects at A. P. I., Auburn, during the past summer.
Miss Reddick succeeds Miss Mildred Sconyers, who was recently promoted to home agent with assignment to Bullock County.

Messers Fountain Lee, J. W., Kendrick and Dove Johnson left Wednesday morning for Mobile, Pensacola and Panama City on a business trip.

Mrs. Sam Collier left Tuesday for New York City where she will spend a few days with her husband. Before returning to Elba, Mrs. Collier will visit Miss Virginia Frost in Washington, D. C.

Mr. and Mrs. Guy Gunter, of New Brooklyn, and Mrs. Claude Smith spent Monday in Montgomery and Auburn.

Mrs. Kirke Allred and daughter, Mary Kirke, of Montgomery, visited relatives in Elba last week.

DORSEY SEZ:



PHONE 148

Sales—CHEVROLET—Service

All Kinds of Auto Accessories, Tires, Etc.

We are especially prepared to render prompt and satisfactory service.

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